

RESULT 1

AAT69583/c

ID AAT69583 standard; DNA; 20 BP.

XX

AC AAT69583;

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DT 11-FEB-1998 (first entry)

XX

DE Pectinatus frisingensis 16S ribosomal RNA gene PCR primer.

XX

KW Pectinatus cerevisiiphilus; Pectinatus frisingensis; PCR primer;

KW Pectinatus sp; 16S ribosomal RNA; detection; beer; ss.

XX

OS Synthetic.

OS Pectinatus frisingensis.

XX

PN WO9720071-A1.

XX

PD 05-JUN-1997.

102 (b) (4)

Seq ID

ID

Known

XX

PF 27-NOV-1996; 96WO-JP003464.

XX

PR 28-NOV-1995; 95JP-00331172.

PR 28-NOV-1995; 95JP-00331173.

XX

PA (ASAK) ASAHI BREWERIES LTD.

XX

PI Sakamoto K;

XX

DR WPI; 1997-310621/28.

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PT Primers for detection of Pectinatus strains detrimental to beer - target
PT 16S ribosomal RNA gene of bacterium.

XX

PS Claim 2; Page 17; 27pp; Japanese.

XX

CC The present sequence represents a PCR primer used for targetting the
 CC Pectinatus frisingensis 16S ribosomal RNA gene. The primer is used for
 CC detecting and typing strains of Pectinatus which are detrimental to beer,
 CC causing spoilage. Specifically, DNA from the organism is subjected to PCR
 CC amplification using the oligonucleotides as primers and the amplification
 CC product is detected by gel electrophoresis

XX

SQ Sequence 20 BP; 6 A; 5 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 100.0%; Score 20; DB 2; Length 20;

Best Local Similarity 100.0%; Pred. No. 2.7;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGTATCCAGAGATGGATATT 20

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Db 20 CGTATCCAGAGATGGATATT 1

Search notes 8/22/06

RESULT 24

AAQ92375/c

ID AAQ92375 standard; DNA; 26 BP.

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AC AAQ92375;

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DT 25-MAR-2003 (revised)

DT 28-OCT-1995 (first entry)

XX

DE DNA primer.

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KW DNA primer; DNA-polymerase; Tfil; thermostable enzyme; ss.

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OS Synthetic.

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PN WO9514770-A1.

XX

PD 01-JUN-1995.

XX

PF 23-NOV-1994; 94WO-NZ000135.

XX

PR 25-NOV-1993; 93NZ-00250288.

XX

PA (PACI-) PACIFIC ENZYMES 1993 LTD.

XX

PI Bergquist PL, Day DJ, Gibbs MD, Reeves RA, Saul DJ;

XX

DR WPI; 1995-206929/27.

XX

PT New heat-stable DNA polymerase from Thermus filiformis - has reverse transcriptase activity in the presence of magnesium ions.

XX

PS Disclosure; Page 11; 40pp; English.

XX

CC The DNA primer is used with primers AAQ92371-77 in the reverse
CC transcription-polymerase chain amplification of alpha- lactalbumin from
CC MA104 cells and topoisomerase-IIa from Jurkat cells. Amplification is
CC carried out using DNA-polymerase Tfil from Thermus filiformis (AAR76060).
CC (Updated on 25-MAR-2003 to correct PN field.)

XX

SQ Sequence 26 BP; 7 A; 8 C; 7 G; 4 T; 0 U; 0 Other;

Query Match 4.2%; Score 26; DB 1; Length 26;

Best Local Similarity 100.0%; Pred. No. 20;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 27 GAAGGTGCGGCTGGATCACCTCCTTT 52

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Db 26 GAAGGTGCGGCTGGATCACCTCCTTT 1

SID 1

also comp of nt 27-52 of SID 1

Search notes 8122106

RESULT 20

US-08-445-289B-9

; Sequence 9, Application US/08445289B

; Patent No. 5693467

; GENERAL INFORMATION:

; APPLICANT: Roblin III, Richard O.

; APPLICANT: Hu, Mendong

; APPLICANT: Tang, Jane S.

; APPLICANT: Lee, Sunmin

; TITLE OF INVENTION: A Mycoplasma PCR Testing System Using A

; TITLE OF INVENTION: Set of Mixed and Single Sequence Primers

; Patent No. 5693467

; NUMBER OF SEQUENCES: 27

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: American Type Culture Collection

; STREET: 12301 Parklawn Drive

; CITY: Rockville

; STATE: Maryland

; COUNTRY: U.S.A.

; ZIP: 20852

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/445,289B

; FILING DATE: 19-MAY-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Bade, Annette L.

; REGISTRATION NUMBER: 37,029

; REFERENCE/DOCKET NUMBER: RD00003

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 301-231-5520

; TELEFAX: 310-816-4366

; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-445-289B-9

Query Match 3.2%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 54;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 31 GTGCGGCTGGATCACCTCCT 50

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Db 1 GTGCGGCTGGATCACCTCCT 20

102(b) issued
12/2/97

SID 1

also 31-50 of
SID 2